

OWNER'S MANUAL

- Please read these instructions carefully before using your Upright.
- Let us help you put your vacuum together or answer any questions:
1-800-321-1134 (USA & Canada)
website: www.dirtdevil.com

CONSUMER INFORMATION

• THIS VACUUM IS INTENDED FOR HOUSEHOLD USE ONLY. THIS IS A DIRTY AIR SYSTEM (DIRT TRAVELS THROUGH FAN CHAMBER).

IMPORTANT SAFETY INSTRUCTIONS -- SAVE THESE INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

- READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE
- ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS
- BRING CLEANER TO UPRIGHT POSITION WHEN USING THE HOSE AND ATTACHMENTS
- DO NOT LEAVE CLEANER UNATTENDED
- WARNING - FULLY ASSEMBLE CLEANER BEFORE OPERATING
- WARNING: THE CORDS, WIRES AND/OR CABLES SUPPLIED WITH THIS PRODUCT CONTAINS CHEMICALS, INCLUDING LEAD OR LEAD OR LEAD COMPOUNDS, KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. WASH HANDS AFTER USING.

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

- Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.
- Warning: Do not use outdoors or on wet surfaces.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center for inspection. Call 1-800-321-1134 for the nearest service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair and anything that may reduce air flow.
- Using improper voltage may result in damage to the motor and possible injury to the user. Proper voltage is listed on the cleaner data plate.
- Avoid picking up hard, sharp objects with the cleaner, they may damage the cleaner and the bag.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Look on your vacuum cleaner and follow all label and marking instructions.
- Do not use an extension cord with this cleaner.
- Keep end of hose, wands and other openings away from your face and body. Keep your hands, feet, hair and clothing away from moving parts; especially the revolving brush.
- Do not use the vacuum cleaner without dust bag or filters in place.
- Store the vacuum cleaner indoors. Put the vacuum cleaner away after use to prevent tripping accidents.

Approved by the Vacuum Cleaner Manufacturer's Association Executive Committee, April 29, 1987.

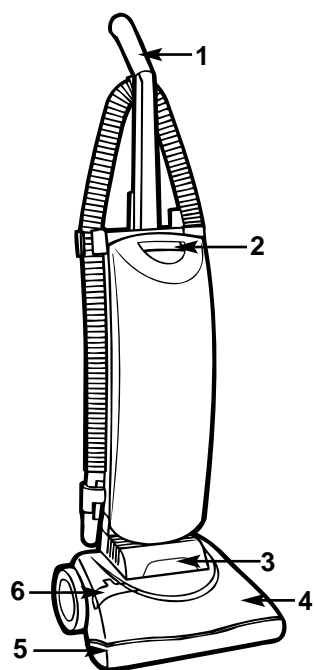
SAVE THESE INSTRUCTIONS

WARNING: To reduce the risk of electric shock, this appliance has a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.

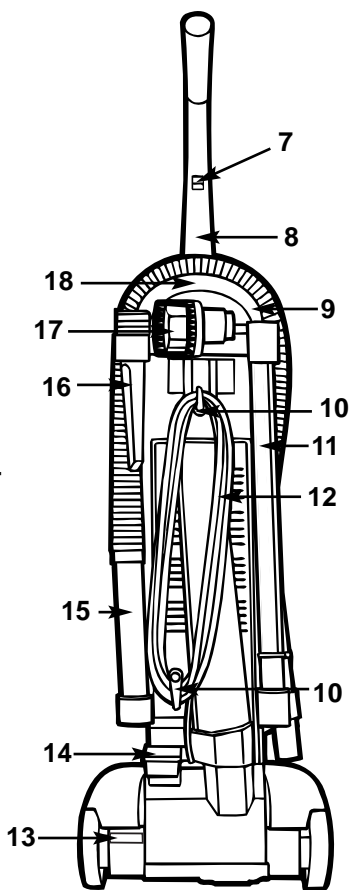
NOTE: RETURN WARRANTY CARD TO REGISTER YOUR CLEANER

MAINTENANCE: Proper maintenance of your cleaner will assure continued effective cleaning performance.

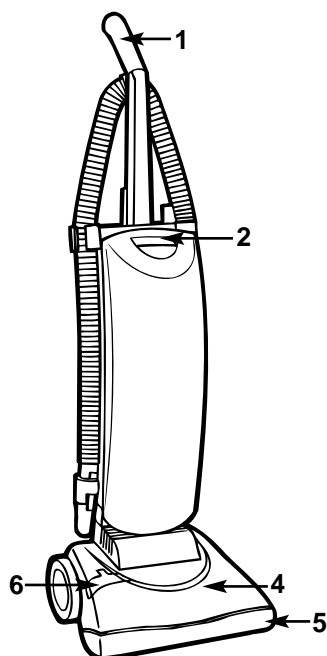
1. Always use genuine Royal® replacement parts.
2. Change paper bag frequently.
3. **WARNING:** Do not use any sharp objects to clean out hose since they could cause damage to the hose.
4. Occasionally remove brushroll and clean debris from end caps to keep brush rotating smoothly.



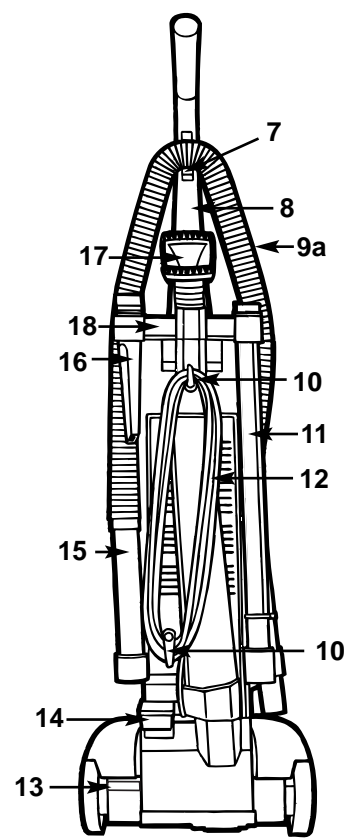
Featherlite® with stretch hose



Featherlite® with stretch hose



Featherlite®



Featherlite®

UPRIGHT FEATURES

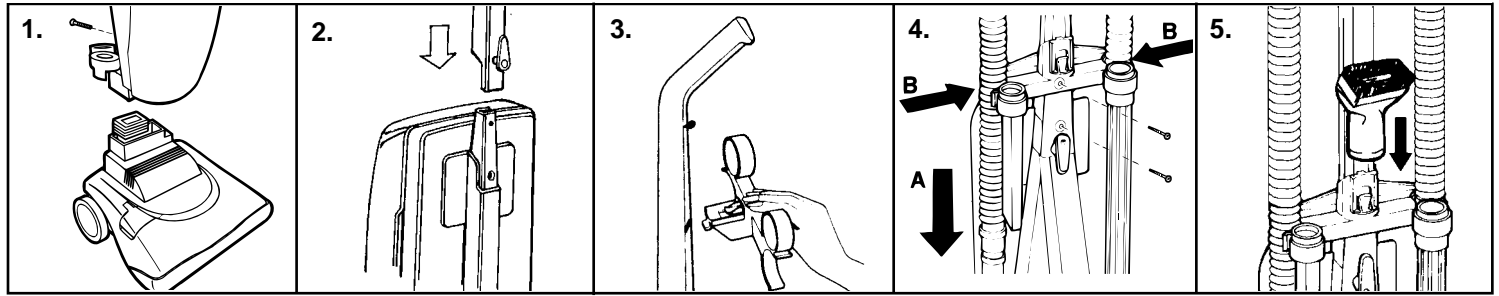
Featherlite® and Featherlite® with stretch hose

- | | | |
|------------------------------|---------------------------|--------------------------|
| 1. Handle Grip | 7. Cord Guide | 13. Handle Release Pedal |
| 2. Front Panel Release Lever | 8. Handle | 14. On/Off Switch |
| 3. *Headlight | 9. *Stretch Hose | 15. Hose Handle |
| 4. Nozzle Cover | 9a. *Flexible Hose | 16. Crevice Tool |
| 5. Protective Bumper | 10. Quick Cord Release | 17. 2 in 1 Tool |
| 6. Attachment Port | 11. Extension Wand | 18. Tool Caddy |
| | 12. Extra Long Power Cord | |

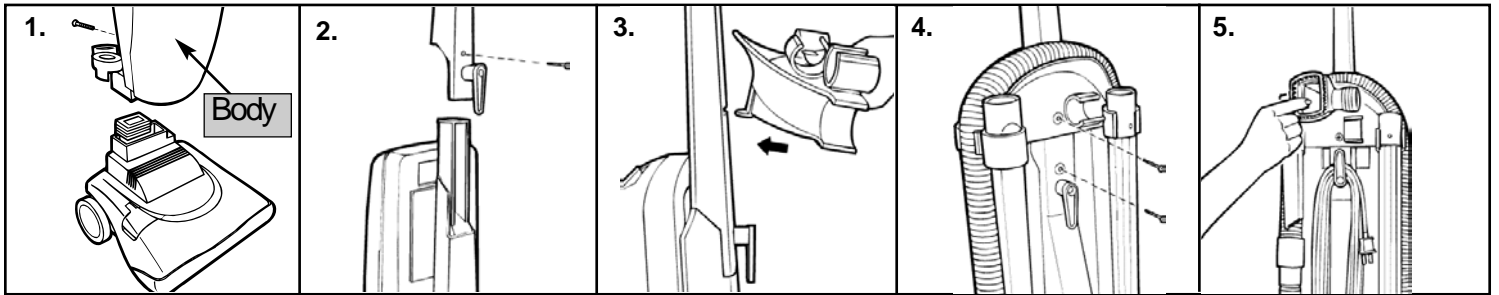
**Not available on all models*

HANDLE ASSEMBLY

Featherlite®



Featherlite® with stretch hose



HOW TO ASSEMBLE

Handle Assembly:

TOOL REQUIRED: PHILLIPS SCREWDRIVER

1. Rotate handle base to the upright position.

WARNING: BEFORE ASSEMBLING THE BODY OF THE CLEANER TO BASE, MAKE SURE POWER CORD IS DOWN AND OUT OF THE WAY TO AVOID PINCHING CORD.

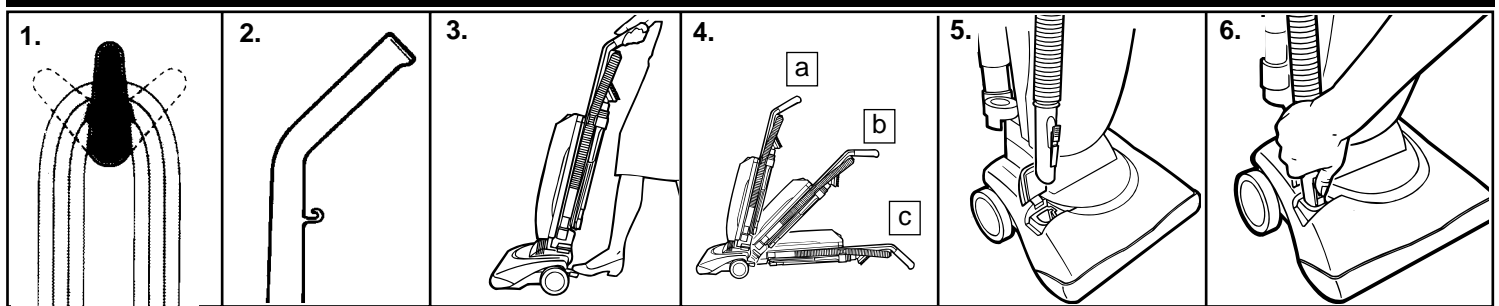
2. With cord hook to back, place the body of the cleaner onto base. Push together firmly. Insert longer screw (1 1/4") into back of body of the cleaner to secure, (Diagram 1).
3. Place handle onto the body of the cleaner, (Diagram 2).
4. Insert clip on tool caddy into hole on back of handle, (Diagram 3). Bring tool caddy down to fit against handle. Insert shorter screw (1") to secure caddy and handle sections. Insert second shorter screw just above cord release (Diagram 4).

Attach Tools:

5. Insert nozzle connector end of flexible hose into holder. Wrap flexible hose to the other side. A) Insert hose into holder on back of cleaner. B) Press sides of hose into place on tool caddy, (Diagram 4).
6. Insert extension wand and crevice tool into tool caddy. Attach 2-in-1 tool to clip on caddy. Push down to secure, (Diagram 5).

NOTE: Paper bag must be properly installed before operating.

HOW TO OPERATE



HOW TO OPERATE: WARNING: FULLY ASSEMBLE BEFORE OPERATING.

1. **Quick Cord Release:** To release your cord without unwinding it, turn the top cord hook to the left or right. Your power cord will now pull off in one coil, (Diagram 1).
2. **Keep the cord out of the way while you vacuum by snapping it into the cord guide on the back of the handle,** (Diagram 2).
3. Plug cord into electrical outlet.
4. Step on the power switch to turn on the cleaner. Switch is grey and located on the base of the unit. Ⓟ is the international symbol for power.

FLOOR/CARPET CLEANING:

5. Release the handle. With your foot, depress the handle release pedal on the left side of the base, (Diagram 3).
6. Move the handle and adjust it to the desired position for (a) storing the upright, (b) operating the cleaner, and (c) depress the handle release pedal again to clean under low furniture, (Diagram 4).

ABOVE FLOOR CLEANING: Cleaner must be in the locked upright position to lift the rotating brush off the carpet when cleaning above the floor.

Turn cleaner OFF before attaching or removing hose.

1. Snap cleaner into its upright position.
2. Lift door on the nozzle and insert hose end with nozzle connector until locked in position, (Diagram 5).
3. Pull the hose handle from side of cleaner.

CAUTION: Brush agitator continues to rotate while hose is removed or in use and at all times while cleaner is on. Keep hair, loose clothing, fingers, and all parts of body away from brush area while cleaner is on.

4. Choose any of the handy accessories or use the hose alone. Simply push the attachment firmly onto the end of the wand or hose handle.

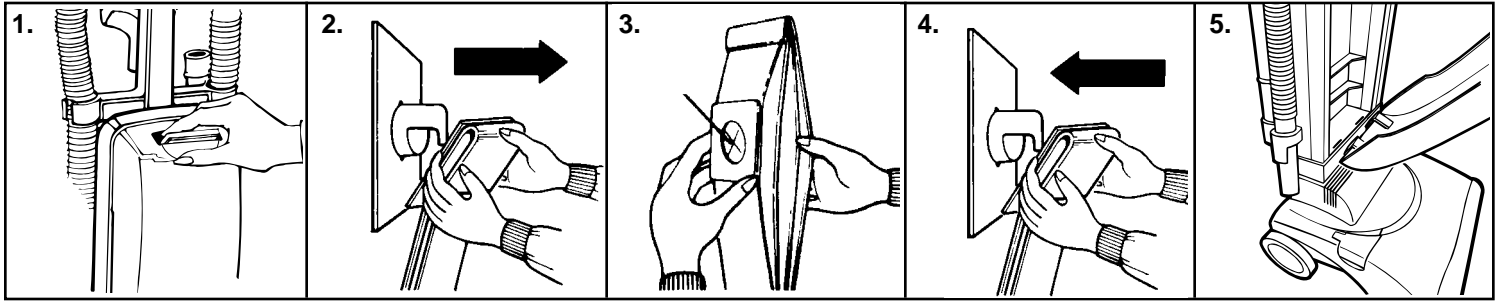
To remove hose from nozzle, press latch on nozzle connector and pull up, (Diagram 6).

NOTE: Remove hose from nozzle when cleaning carpets to insure proper cleaning performance.

CAUTION: Revolving brush continues to rotate while cleaner handle is in upright position. Avoid tipping cleaner or setting on furniture, fringed area rugs, or carpeted stairs during tool use.

PAPER BAG REMOVAL AND REPLACEMENT

Featherlite® and Featherlite® with stretch hose



SCENT TABLETS (OPTIONAL): As you vacuum, air freshener tablets leave your home smelling clean and fresh while stale odors disappear. The tablets are non-toxic and formulated to last the life of the disposable paper bag. **TO USE,** remove an air freshener tablet from the wrapper and place it directly into the disposable paper bag. Add a new tablet every time you change your paper bag.

PAPER BAG REMOVAL & REPLACEMENT

NOTE: Unplug cleaner before changing paper bag. Cleaner must have paper bag in place at all times.

- To Remove:** Squeeze front panel release lever and pull towards you (Diagram 1).
- Grasp cardboard collar of paper bag **with both hands** and pull past raised locking tabs on the dirt tube. Dispose of old paper bag, (Diagram 2).
- IMPORTANT:** Extend bag away from hole before installing. Press in opening to clear paper away from hole, (Diagram 3).
- To Install:** Push cardboard collar past raised locking tabs on the dirt tube **with both hands**. Be sure paper bag is fully extended and tucked in at the top and bottom, (Diagram 4).
- Replace front panel by putting the two bottom tabs in the slots on the vacuum. Push front panel so release lever attaches, (Diagram 5).

BAG TYPE: D

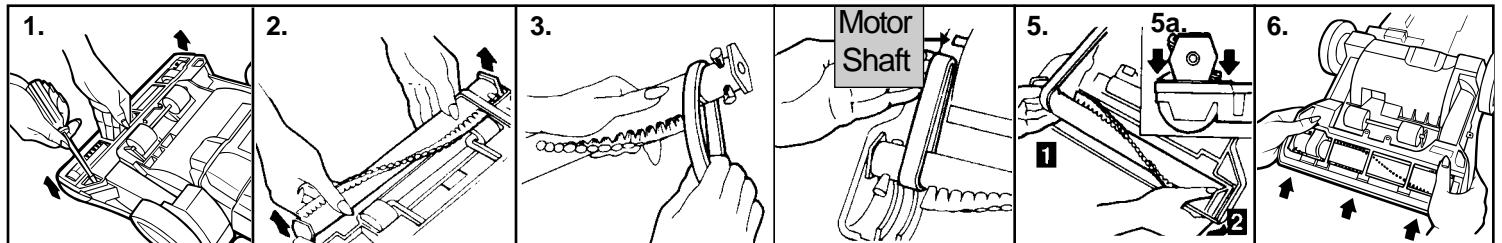


FILTRATION PAPER BAGS (OPTIONAL):

- Dirt Devil®'s filtration system for 99% "fresh" exhaust air.
- Ideal for allergy sufferers.

MicroFresh™ disposable paper bags are lined with electrostatically charged fibers that trap fine dust and pollen particles down to 0.1 microns in size. See an authorized Royal® dealer, a participating retailer or the enclosed quick parts mailer for MicroFresh™ high filtration paper bags.

BELT OR BRUSHROLL REMOVAL AND REPLACEMENT



BELT OR BRUSHROLL REMOVAL AND REPLACEMENT:

TOOL REQUIRED: PHILLIPS SCREWDRIVER

NOTE: Unplug cleaner before changing belt or brushroll. Turn cleaner over. Base should lay flat and face up. Screwdriver required. **To remove nozzle guard,** remove two screws near rollers. Next, release two hooks on nozzle guard by pushing outward as shown by the arrows, (Diagram 1). Gently push up on rear of nozzle guard. (NOTE: Some models may also have two screws at the rear of the nozzle guard).

TO REMOVE BELT: Be sure belt is off motor shaft. Lift and remove brushroll. Dispose of old belt, (Diagram 2).

TO REPLACE BELT:

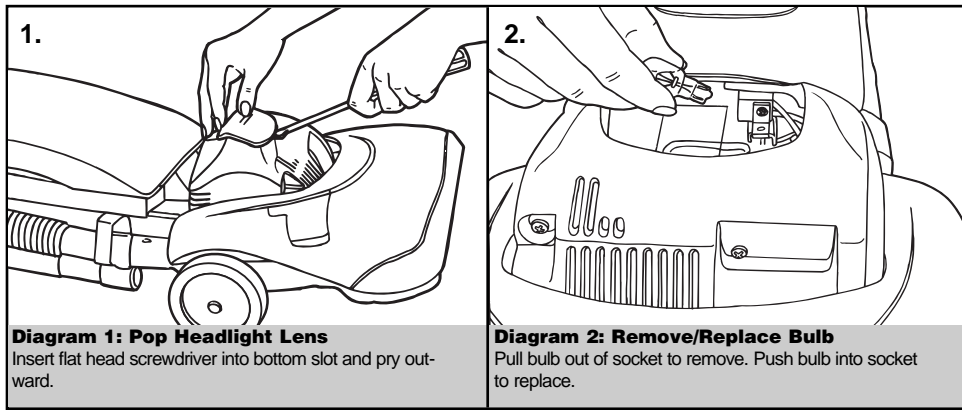
- Slip brushroll through belt. Place belt in area of brushroll without bristles, (Diagram 3).
- Loop belt around motor shaft, (Diagram 4).
- Insert brushroll into side holder #1 and then #2. Follow direction of arrows on brush end caps, (Diagram 5a.). Rotate brushroll to make sure belt is not twisted, (Diagram 5).
- Replace nozzle guard. Match the front tabs to the slots on the nozzle base first. Swing down to snap hooks. Press firmly on entire nozzle guard to fit into place. Replace all screws, (Diagram 6).

IMPORTANT: Rotate brushroll by hand before starting cleaner.

HOW TO CHECK FOR A CLOG: If there is no suction at the end of the hose, a clog may be in the base of the unit. To clear clog: 1. Remove hose from the nozzle. Press latch on nozzle connector and pull up. Lift door on the nozzle and gently clear the blockage, (Diagram 7) or 2. Remove nozzle guard (See belt/brushroll removal section above - Pg. 4) and gently clear the blockage.

BELT STYLE: 5

LIGHTBULB REMOVAL & REPLACEMENT



*LIGHTBULB REMOVAL & REPLACEMENT

TOOL REQUIRED: FLATHEAD SCREWDRIVER

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK - UNPLUG CLEANER BEFORE REMOVING OR REPLACING LIGHTBULB.

This cleaner uses a common automotive lamp #906, 13.0 volts. For bulb replacement call 1-800-321-1134 or your local auto parts store.

1. Lean cleaner handle back. Insert end of standard (flat head) screwdriver into bottom slot and pry outward to pop headlight lens out, (Diagram 1).
2. Pull bulb out of socket to remove. Push bulb into socket to replace, (Diagram 2).
3. Snap headlight lens panel back into place.

*Not available on all models.

TROUBLESHOOTING GUIDE

PROBLEM	POSSIBLE REASON	POSSIBLE SOLUTION
Cleaner won't run	<ol style="list-style-type: none"> 1. Power cord not firmly plugged into outlet. 2. Blown fuse or tripped breaker. 3. Needs Service. 	<ol style="list-style-type: none"> 1. Plug unit in firmly. 2. Check fuse or breaker. Replace fuse/reset breaker. 3. Take to service center or call 1-800-321-1134.
Cleaner won't pick-up or low suction	<ol style="list-style-type: none"> 1. Paper bag is not opened. 2. Paper bag full. 3. Brushroll worn. 4. Broken or worn belt. 5. Nozzle/hose clogged. 6. No paper bag. 	<ol style="list-style-type: none"> 1. Insert finger into hole and push paper away from opening. 2. Replace paper bag - Pg. 4. 3. Replace brushroll - Pg. 4. 4. Replace belt - Pg. 4. 5. Remove nozzle/hose guard to clear blockage - Pg. 4. 6. Install bag - Pg. 4.
Dust escaping from cleaner	<ol style="list-style-type: none"> 1. Paper bag full. 2. Bag not installed correctly. 3. Puncture/hole in paper bag. 4. Handle seal. 5. No bag in cleaner. 6. Hose not installed correctly. 	<ol style="list-style-type: none"> 1. Replace paper bag - Pg. 4. 2. Review paper bag installation - Pg. 4. 3. Replace paper bag - Pg. 4. 4. Check handle assembly - Pg. 3. 5. Install bag - Pg. 4. 6. Review Hose Installation - Pg. 3.
Cleaner tools won't pick up	<ol style="list-style-type: none"> 1. Hose clogged. 2. Paper bag full. 3. No bag in cleaner. 	<ol style="list-style-type: none"> 1. Remove hose and tools; remove obstruction - Pg. 3. 2. Replace paper bag - Pg. 4. 3. Install bag - Pg. 4.
Headlight not working	<ol style="list-style-type: none"> 1. Bulb burnt out. 2. Loose electrical wires. 	<ol style="list-style-type: none"> 1. Replace bulb - Pg. 5. 2. Call 1-800-321-1134 for nearest authorized Royal® Dealer.

IMPORTANT: UNPLUG CLEANER BEFORE SERVICING

CUSTOMER SERVICE: In the event that further assistance is required, see your Yellow Pages for an authorized Royal® Dealer. Costs of any transportation to and from any place of repair are to be paid by the owner. The service parts used in this unit are easily replaced and readily available from an authorized Royal® Dealer or retailer. Always identify your cleaner by the model and Mfg. code when requesting information or ordering replacement parts. (The model number and Mfg. code appears on the lower back of the cleaner.)

LIMITED WARRANTY

To the consumer, Royal Appliance Mfg. Co. warrants this vacuum cleaner to be free of defects in material or workmanship commencing upon the date of the original purchase. Refer to your vacuum cleaner carton for the length of warranty and save your original sales receipt to validate start of warranty period.

If the vacuum cleaner should become defective within the warranty period, we will repair or replace any defective parts free of charge. The complete machine must be delivered prepaid to any ROYAL® Authorized Sales & Warranty Service Station. Please include complete description of the problem, day of purchase, copy of original sales receipt and your name, address and telephone number. If you are not near a Warranty Station, call the factory for assistance in the USA & Canada: 1-800-321-1134. Use only genuine Royal® replacement parts.

The warranty does not include unusual wear, damage resulting from accident or unreasonable use of the vacuum cleaner. This warranty does not cover belts, brushes, bags, belts, filters, bulbs or fan damage. This warranty does not cover unauthorized repairs. This warranty gives you specific legal rights and you may also have other rights. (Other rights may vary from state to state in the USA).